

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of depositing a ~~MCrAlY-coating~~ MCrAlY-coating directly on the surface of a single crystal or directionally solidified article, the method comprising the step of coating the surface of the article only at a local area with a γ/γ' or γ/β MCrAlY-coating by an electroplating method.
2. (Canceled)
3. (Currently Amended) The method according to claim 1, wherein the step of coating the surface of the article only at a local area with the γ/γ' or γ/β MCrAlY-coating by an electroplating method is repeated at different local areas on the surface of the article.
4. (Currently Amended) The method according to claim 1, wherein during the step of coating the surface of the article only at a local area with the γ/γ' or γ/β MCrAlY-coating by an electroplating method, the areas not to be coated are masked with a mask material.
5. (Original) The method according to claim 4, wherein the areas not to be coated are masked with wax or organic polymers.

6. (Currently Amended) The method according to claim 1, wherein different areas of the surface are coated with different γ/γ' or γ/β MCrAlY-coatings, the γ/γ' or γ/β MCrAlY-coatings are selected according to the required properties in the different areas with respect to one or a combination of oxidation, corrosion, and thermal mechanical fatigue.

7. (Currently Amended) ~~The method according to claim 1, wherein the method is used as a repair process for a used γ/γ' or γ/β MCrAlY-coating.~~

A method of repairing a used γ/γ' or γ/β MCrAlY-coating disposed directly on the surface of a single crystal or directionally solidified article, the method comprising coating the surface of the article only at a local area with a γ/γ' or γ/β MCrAlY-coating by an electroplating method.

8. (Previously Presented) The method according to claim 1, wherein a gas turbine article is coated.

9. (Previously Presented) The method according to claim 8, wherein the gas turbine article is a blade.

10. (Previously Presented) The method according to claim 8, wherein the gas turbine article is a vane.

11. (Previously Presented) The method according to claim 1, wherein the article is a single crystal article.

12. (Previously Presented) The method according to claim 1, wherein the article is a directionally solidified article.

13. (Currently Amended) A method of depositing a ~~MCrAlY-coating~~ MCrAlY-coating directly on the surface of a single crystal or directionally solidified article, the method comprising coating the surface of the article only at local areas with a γ/γ' or γ/β MCrAlY-coating by an electroplating method, wherein different areas of the surface of the article are coated with different γ/γ' or γ/β MCrAlY-coatings.

14. (Previously Presented) The method according to claim 13, wherein a gas turbine article is coated.

15. (Previously Presented) The method according to claim 14, wherein the gas turbine article is a blade.

16. (Previously Presented) The method according to claim 14, wherein the gas turbine article is a vane.

17. (Previously Presented) The method according to claim 13, wherein the article is a single crystal article.

18. (Previously Presented) The method according to claim 13, wherein the article is a directionally solidified article.

19. (New) The method according to claim 7, wherein the article is a single crystal article.

20. (New) The method according to claim 7, wherein the article is a directionally solidified article.